

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 70

For Week Ended July 14, 1989

NO. 28

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 07/14/89	Last Week Ending: 07/07/89	Last Year Week Ending: 07/15/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	14,075	14,134	13,650	-59	425
Operable capacity	15,576	15,576	15,917	0	-341
Percent operated	90.4	90.7	85.8		
Motor Gasoline					
Total motor gasoline production	7,445	7,255	6,867	190	578
Finished leaded motor gasoline production	861	798	1,356	63	-495
Finished unleaded motor gasoline production	6,584	6,457	5,511	127	1,073
Total motor gasoline stocks	222,855	217,677	208,621	5,178	14,234
Finished leaded motor gasoline stocks	24,653	24,517	43,023	136	-18,370
Finished unleaded motor gasoline stocks	159,141	154,870	130,270	4,271	28,871
Jet Fuel Kerosine					
Jet fuel kerosine production	1,175	1,165	1,127	10	48
Jet fuel kerosine stocks	40,267	41,073	40,723	-806	-456
Distillate Fuel Oil					
Distillate fuel oil production	2,820	2,985	2,865	-165	-45
Distillate fuel oil stocks	110,241	104,875	116,769	5,366	-6,528
Residual Fuel Oil					
Residual fuel oil production	939	897	934	42	5
Residual fuel oil stocks	42,214	41,064	41,245	1,150	969
Imports					
Crude oil imports	6,337	6,109	5,173	228	1,164
Product imports	2,224	2,238	1,931	-14	293
Crude Oil Stocks					
Crude oil stocks	331,342	332,715	351,472	-1,373	-20,130
Crude Supply Balance	-33				

*See definitions on page 6

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For Week Ended July 14, 1989

NO. 28

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,485	1,271	1,282	1,325	96.8
Appal No. 1	100	95	95	109	87.2
DISTRICT 1 TOTAL	1,585	1,366	1,377	1,434	96.0
Ind., Ill., Ky.	2,195	2,043	2,043	2,198	92.9
Minni., Wisc., Dak.	334	324	326	337	96.7
Okla., Kans., Mo.	746	715	719	730	98.5
DISTRICT 2 TOTAL	3,275	3,082	3,088	3,265	94.6
Inland Texas	527	504	504	555	90.8
Texas Gulf Coast	3,578*	3,050	3,061*	3,477	88.0*
La. Gulf Coast	2,535	2,420	2,449	2,938	83.4
N. La. and Ark.	185	182	182	247	73.7
New Mexico	84	76	79	76	103.9
DISTRICT 3 TOTAL	6,909*	6,232	6,275*	7,293	86.0*
DISTRICT 4 TOTAL	504	500	500	546	91.6
DISTRICT 5 TOTAL	2,835	2,764	2,835	3,038	93.3
TOTAL U.S.	15,108	13,944	14,075	15,576	90.4
TOTAL U.S. Weeks Ended:					
JUL. 7, 1989	15,111*	13,989	14,134*	15,576	90.7*
JUL. 15, 1988	14,639	13,493	13,650	15,917	85.8
DISTRICTS 1-4 Weeks Ended:					
JUL. 14, 1989	12,273	11,180	11,240	12,538	89.6
JUL. 7, 1989	12,290*	11,278	11,313*	12,538	90.2*
JUL. 15, 1988	11,952	10,814	10,921	12,686	86.1

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended July 14, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	683	34	649	31	71	319	106
Appal. No. 1	33	2	31	--	--	32	3
DISTRICT 1 TOTAL	716	36	680	31	71	351	109
Ind. Ill. Ky	1,229	38	1,191	14	130	400	49
Minn. Wisc. Daks	168	40	128	--	19	87	13
Okla. Kans. Mo.	455	112	343	10	41	171	7
DISTRICT 2 TOTAL	1,852	190	1,662	24	190	658	69
Inland Texas	296	51	245	23	30	109	9
Texas Gulf Coast	1,781	120	1,661	63	241	554	256
La. Gulf Coast	1,160	49	1,111	18	259	534	98
N. La. and Ark.	52	4	48	7	7	47	8
New Mexico	47	15	32	8	1	18	1
DISTRICT 3 TOTAL	3,336	239	3,097	119	538	1,262	372
DISTRICT 4 TOTAL	264	89	175	23	28	134	7
DISTRICT 5 TOTAL	1,277	307	970	53	348	415	382
TOTAL U.S.	7,445	861	6,584	250	1,175	2,820	939
TOTAL U.S.							
Weeks Ended:							
JUL. 7, 1989	7,255	798	6,457	199	1,165	2,985	897
JUL. 15, 1988	6,867	1,356	5,511	193	1,127	2,865	934
DISTRICTS 1-4							
Weeks Ended:							
JUL. 14, 1989	6,168	554	5,614	197	827	2,405	557
JUL. 7, 1989	6,056	504	5,552	138	822	2,530	534
JUL. 15, 1988	5,743	1,081	4,662	145	818	2,409	547

¹ Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.² Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended July 14, 1989

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,355	107	4,247	1	71	531	3,849	677	--
Central Atlantic	27,197	902	21,308	4,987	379	4,176	24,252	13,594	13,342
Lower Atlantic	30,838	2,929	27,520	389	509	5,692	11,911	2,779	455
DISTRICT 1 TOTAL	62,390	3,938	53,075	5,377	959	10,399	40,012	17,050	13,797
DISTRICT 2 TOTAL	57,040*	7,785*	41,603*	7,652	1,057	8,167	28,235*	2,700	15,428
DISTRICT 3 TOTAL	67,377*	5,283*	45,540*	16,554	2,175*	14,175*	28,338*	13,766	52,943
DISTRICT 4 TOTAL	6,171	1,741	2,691	1,739	338	685	2,580	631	2,662
DISTRICT 5 TOTAL	29,877*	5,906	16,232	7,739*	1,509	6,841	11,076	8,067*	24,859
TOTAL U.S.	222,855	24,653	159,141	39,061	6,038	40,267	110,241	42,214	109,689
TOTAL U.S. Weeks Ended:									
JUL. 7, 1989	217,677*	24,517*	154,870*	38,290*	5,929*	41,073*	104,875*	41,064*	110,721
JUL. 15, 1988	208,621	43,023	130,270	35,328	7,115	40,723	116,769	41,245	111,459
DISTRICTS 1-4 Weeks Ended:									
JUL. 14, 1989	192,978	18,747	142,909	31,322	4,529	33,426	99,165	34,147	84,830
JUL. 7, 1989	189,004*	18,582*	139,312*	31,110	4,389*	33,753*	93,207*	33,226	85,638
JUL. 15, 1988	181,646	37,529	116,396	27,721	5,531	34,007	103,400	33,384	83,089

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.²Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

WEEKLY STATISTICAL BULLETIN

Week Ended July 14, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location
	Latest Dept. of Energy		From		
	API	February 1989	Total	Canada	
	Monthly	Daily Average			
DISTRICTS 1-4 TOTAL					
JUL. 14, 1989	4,708.0	4,811.0	6,062	680	253,315
JUL. 7, 1989	4,749.0*	--	5,826*	589*	251,330*
JUN. 30, 1989	4,749.0*	--	5,040*	564	251,059
JUN. 23, 1989	4,749.0*	--	5,972	671	259,080

DISTRICT 5 TOTAL

JUL. 14, 1989	2,846.0	2,974.0	275	--	78,027 #
JUL. 7, 1989	2,879.0*	--	283	13	81,385*
JUN. 30, 1989	2,879.0*	--	561*	--	82,833
JUN. 23, 1989	2,879.0*	--	343	--	83,314

INCLUDES 22,419 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

TOTAL U.S.

JUL. 14, 1989	7,554.0	7,785.0	6,337	680	331,342 #
JUL. 7, 1989	7,628.0*	--	6,109*	602*	332,715*
JUN. 30, 1989	7,628.0*	--	5,601*	564	333,89
JUN. 23, 1989	7,628.0*	--	6,315	671	342,394
JUL. 15, 1988	8,040.0 a/	--	5,173	688	351,472

a/ DOE actual for July 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE¹ (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages		
		Absolute	Positive	Negative
JUL. 14, 1989	-33	445	472	-372

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
JUL. 14, 1989	15,471	71,138	154,957	11,749	253,315	78,027 #	331,342 #
JUL. 7, 1989	15,363	71,667	152,541*	11,759	251,330*	81,385*	332,715*
JUL. 15, 1988	17,144	80,549	168,097	12,911	278,701	72,771	351,472

¹ See definitional notes, Page 6.

* See Revisions on Page 8.

Week Ended July 14, 1989

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline Finished Leaded	Gasoline Finished Unleaded	Gasoline ² Blending Components	Jet Fuel			Residual Fuel Oil	L.P.G.	Unfinished		Total
				Naphtha Type	Kerosine Type	Distillate Fuel Oil ³	Oils			Other		
New England	343	18	325	--	--	--	86	148	5	--	--	582
Central Atlantic	142	--	142	5	--	26	94	388	9	138*	8*	810*
Lower Atlantic	61	--	61	--	--	54	--	87	--	--	--*	202
DISTRICT 1 TOTAL												
JUL. 14, 1989	546	18	528	5	--	80	180	623	14	138	8	1,594
JUL. 7, 1989	480	--	480	53	--	58	303	611	14	242*	74*	1,835*
JUN. 30, 1989	347	10	337	3	--	68	153	717	17	139	44	1,488
JUN. 23, 1989	356	4	352	15	--	67	164	238	31	165	48	1,084
DISTRICTS 2-4 TOTAL												
JUL. 14, 1989	7	--	7	6	3	27	4	19	77	272	91	506
JUL. 7, 1989	4	--	4	13	3	26	39	18	85	115	26	329
JUN. 30, 1989	4	--	4	5	3	31	4	18	79	166	354*	664*
JUN. 23, 1989	5	--	5	1	3	25	3	6	165	307	109	624
DISTRICT 5 TOTAL												
JUL. 14, 1989	71	--	71	--	--	14	2	28	4	5	--	124
JUL. 7, 1989	20	--	20	--	--	14	4	27	4	5	--	74
JUN. 30, 1989	24	--	24	--	--	16	3	27	2	10	--	82
JUN. 23, 1989	4	--	4	--	--	38	2	19	6	6	--	75
TOTAL U.S.												
	624	18	606	11	3	121	186	670	95	415	99	2,224
TOTAL U.S. Weeks Ended:												
JUL. 7, 1989	504	--	504	66	3	98	346	656	103	362*	100*	2,238*
JUN. 30, 1989	375	10	365	8	3	115	160	762	98	315	398*	2,234*
JUN. 23, 1989	365	4	361	16	3	130	169	263	202	478	157	1,783
JUL. 15, 1988	534	56	478	43	3	48	265	439	105	375	119	1,931

¹Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.²Gasoline blending components are not included in total motor gasoline imports.³Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.

Reported on a Port of Entry basis.

The Total of crude oil imports includes those from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE
 (In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	JUNE 1989	MAY 1989 ^{1/}	FEBRUARY 1989
Florida	20.0	19.0	20.0
New York-Pennsylvania	7.0	7.0	8.0
Virginia	0.0	0.0	0.0
West Virginia	6.0	6.0	6.0
Illinois	62.0	61.0	65.0
Indiana	10.0	9.0	11.0
Kansas	146.0	146.0	146.0
Kentucky	12.0	12.0	13.0
Michigan	59.0	58.0	60.0
Missouri-Tennessee	2.0	2.0	2.0
Nebraska	17.0	16.0	17.0
Ohio	28.0	26.0	28.0
Oklahoma	328.0	326.0	303.0
North Dakota	100.0	100.0	101.0
South Dakota	4.0	4.0	4.0
Alabama	56.0	55.0	56.0
Arkansas	32.0	31.0	33.0
Mississippi	72.0	71.0	74.0
New Mexico-So. East	169.0	168.0	169.0
New Mexico-Other	19.0	18.0	20.0
North Louisiana	61.0	61.0	61.0
South Louisiana	1,075.0	1,077.0	1,116.0
Total Louisiana	1,136.0	1,138.0	1,177.0
Texas			
District 1	50.0	50.0	51.0
District 2	62.0	62.0	63.0
District 3	211.0	210.0	215.0
District 4	65.0	65.0	65.0
District 5	35.0	36.0	35.0
District 6, East Texas	108.0	108.0	113.0
Other	87.0	87.0	81.0
District 7-B	85.0	85.0	83.0
District 7-C	78.0	79.0	83.0
District 8 and 8-A	1,049.0	1,050.0	1,071.0
District 9	81.0	81.0	80.0
District 10	41.0	41.0	41.0
Total Texas	1,952.0	1,954.0	1,981.0
Colorado	84.0	84.0	85.0
Montana	56.0	56.0	57.0
Utah	77.0	77.0	79.0
Wyoming	295.0	295.0	296.0
Total Districts 1-4	4,749.0	4,739.0	4,811.0
Alaska	1,865.0	1,973.0	1,962.0
Arizona	0.0	0.0	0.0
California	1,005.0	1,005.0	1,003.0
Nevada	9.0	9.0	9.0
Total District 5	2,879.0	2,987.0	2,974.0
TOTAL U.S.	7,628.0	7,726.0 ^{1/}	7,785.0

^{1/} Revised: Data currently displayed are based on reported volumes from 37 producing companies. These volumes are estimated to represent 58.1% of lower 48 states production. When combined with reported Alaskan data, the sample represents 68.8% of total U.S. production in May.

API STATISTICAL BULLETIN
WEEK ENDED: JUL. 14, 1989

REVISIONS

06/30/89	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	56,017
			DISTRICT 5 TOTAL	28,884
			TOTAL U.S.	219,942
			DISTRICTS 1-4	191,058
		UNLEADED MGAS	DISTRICT 2 TOTAL	40,735
			TOTAL U.S.	156,453
			DISTRICTS 1-4	140,702
		BLENDING COMPS	DISTRICT 5 TOTAL	7,239
			TOTAL U.S.	38,792
		DISTILLATE FUEL	DISTRICT 2 TOTAL	27,514
			TOTAL U.S.	100,626
			DISTRICTS 1-4	89,598
		RESIDUAL FUEL	DISTRICT 5 TOTAL	8,667
			TOTAL U.S.	43,259
	PAGE 4	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,040
			DISTRICT 5 TOTAL	561
			TOTAL U.S.	5,601
	PAGE 5	OTHER	DISTRICTS 2-4 TOTAL	354
			TOTAL U.S.	398
		TOTAL	DISTRICTS 2-4 TOTAL	664
			TOTAL U.S.	2,234
07/07/89	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,497
			DISTRICT 3 TOTAL	6,880
			TOTAL U.S.	15,111
			DISTRICTS 1-4	12,290
		INPUT TO CRUDE OIL	TEXAS GULF COAST	3,096
			DISTRICT 3 TOTAL	6,342
			TOTAL U.S.	14,134
			DISTRICTS 1-4	11,313
		1 OPERABLE	TEXAS GULF COAST	89.0
			DISTRICT 3 TOTAL	87.0
			TOTAL U.S.	90.7
			DISTRICTS 1-4	90.2
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	55,989
			DISTRICT 3 TOTAL	65,226
			TOTAL U.S.	217,677
			DISTRICTS 1-4	189,004
		LEADED MGAS	DISTRICT 2 TOTAL	7,270
			DISTRICT 3 TOTAL	5,459
			TOTAL U.S.	24,517
			DISTRICTS 1-4	18,582
		UNLEADED MGAS	DISTRICT 2 TOTAL	40,901
			DISTRICT 3 TOTAL	42,875
			TOTAL U.S.	154,870
			DISTRICTS 1-4	139,312
		NAPHTHA JET	DISTRICT 3 TOTAL	2,019

REVISIONS

		TOTAL U.S.	5,929
		DISTRICTS 1-4	4,389
KEROSINE JET		DISTRICT 3 TOTAL	14,585
		TOTAL U.S.	41,073
		DISTRICTS 1-4	33,753
DISTILLATE FUEL		DISTRICT 3 TOTAL	25,804
		TOTAL U.S.	104,875
		DISTRICTS 1-4	93,207
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,826
		TOTAL U.S.	6,109
	CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	589
		TOTAL U.S.	602
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	251,330
		DISTRICT 5 TOTAL	81,385
		TOTAL U.S.	332,715
PAGE 4 B	TOTAL	PAD DISTRICT 3	152,541
		TOTAL PAD DISTRICTS 1-4	251,330
		PAD DISTRICT 5	81,385
		TOTAL U.S.	332,715
PAGE 5	UNFINISHED OIL	CENTRAL ATLANTIC	242
		DISTRICT 1 TOTAL	242
		TOTAL U.S.	362
	OTHER	CENTRAL ATLANTIC	74
		LOWER ATLANTIC	0
		DISTRICT 1 TOTAL	74
		TOTAL U.S.	100
	TOTAL	CENTRAL ATLANTIC	1,247
		LOWER ATLANTIC	139
		DISTRICT 1 TOTAL	1,835
		TOTAL U.S.	2,238